

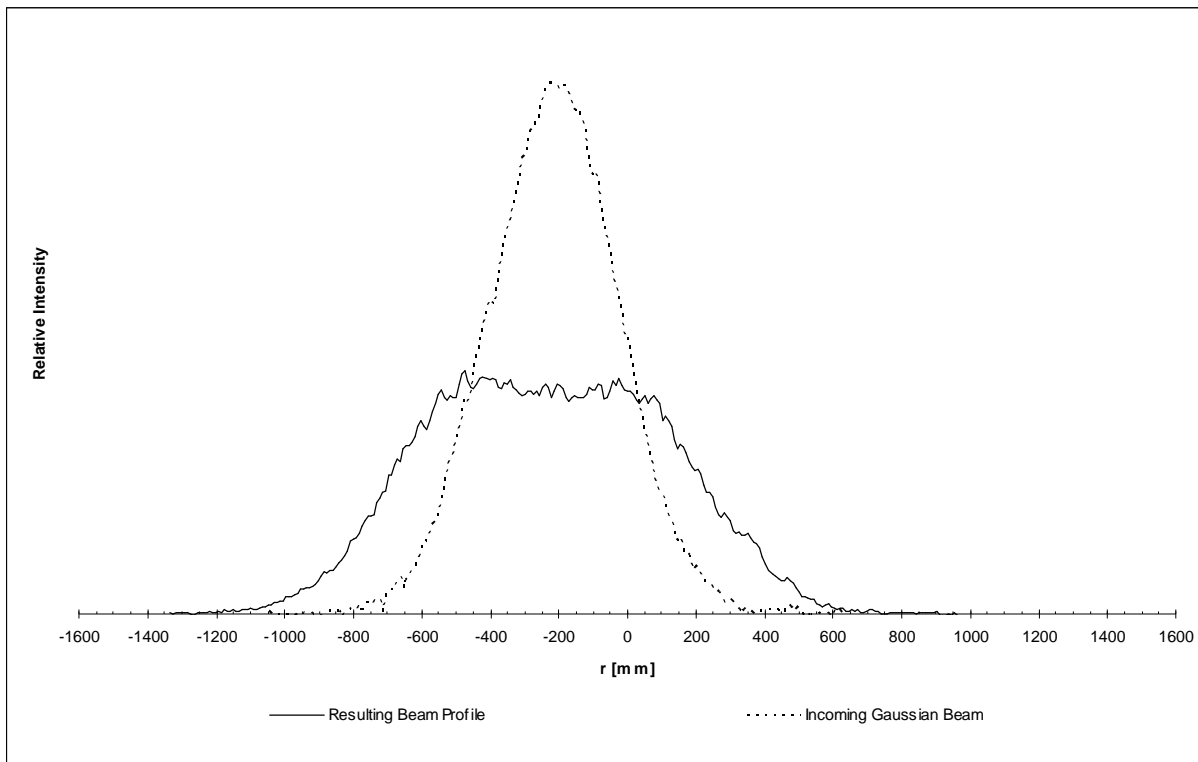
Flat-Top Generation with Monoclinic Double Tungstate (MDT)

A flat-top which is generated by a MDT element of special orientation typically looks like a cut Gaussian beam where the edge steepness of the flat-top is nearly the same as in case of the Gaussian beam.

One of the advantages of this kind of beam shaper is its high transmission.

Within a range of $\lambda = 340 - 5000$ nm the transmission of MDT is bigger than 99.6 %.

The optical distortion threshold is given with 500 MW/cm^2 and probably is even bigger than 1 GW/cm^2 (not tested till now).



Typical flat-top, generated by a special oriented MDT element